



**Billing Code 4910-9x**

**DEPARTMENT OF TRANSPORTATION**

**Complementary Positioning, Navigation, and Timing Capability;**

Notice; request for public comments

**AGENCY:** Office of the Assistant Secretary for Research and Technology, Department of Transportation.

**ACTION:** Notice; request for public comments.

**SUMMARY:** The purpose of this notice is to seek comment from the public and industry regarding potential plans by the United States Government to implement an enhanced Long Range Navigation (eLoran) system as a complementary positioning, navigation, and timing (PNT) capability to the Global Positioning System (GPS). The positioning, navigation, and timing performance of eLoran will vary widely depending on the number of transmitters and monitor sites for corrections that are implemented.

The Department of Transportation seeks input on: (a) a brief description of your application(s) of positioning, navigation, and timing services; (b) the positioning, navigation, and/or timing performance required for a complementary PNT capability to support operations during a disruption of GPS that could last for longer than a day, (c) availability and coverage area required for a complementary PNT

capability, (d) willingness to equip with an eLoran receiver to reduce or prevent operational and/or economic consequences from a GPS disruption, (e) current and planned availability of e-Loran capable user equipment, (f) other non-eLoran PNT technologies or operational procedures, currently available or planned, that could be used during a disruption of GPS for longer than a day.

**DATES:** Submit comments on or before [INSERT DATE 60 DAYS AFTER DATE OF PUBLICATION IN THE FEDERAL REGISTER].

**ADDRESSES:** You may submit comments identified by docket number [DOT-OST-2015-0053] using any one of the following methods:

(1) Federal eRulemaking Portal:

<http://www.regulations.gov>.

(2) Fax: 202-493-2251.

(3) Mail: Docket Management Facility (M-30), U.S.

Department of Transportation, West Building Ground Floor, Room W12-140, 1200 New Jersey Avenue, SE., Washington, DC 20590-0001.

(4) Hand delivery: Same as mail address above, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays. The telephone number is 202-366-9329.

To avoid duplication, please use only one of these four methods. See the "Public Participation" portion of the

SUPPLEMENTARY INFORMATION section below for instructions on submitting comments.

Confidential Business Information: If you wish to submit any information under a claim of confidentiality, you should submit three copies of your complete submission, including the information you claim to be confidential business information, to the address given below under FOR FURTHER INFORMATION CONTACT. In addition, you should submit a copy from which you have deleted the claimed confidential business information to the docket. When you send a comment containing information identified as confidential business information, you should include a cover letter setting forth the reasons you believe the information qualifies as "confidential business information".  
(49 CFR 7.17)

**FOR FURTHER INFORMATION CONTACT:** If you have questions on this notice, contact Karen L. Van Dyke, Office of the Assistant Secretary for Research and Technology Administration; Director, Positioning, Navigation, and Timing and Spectrum Management, telephone 202-366-3180 or e-mail [karen.vandyke@dot.gov](mailto:karen.vandyke@dot.gov). If you have questions on viewing or submitting material to the docket, call Barbara Hairston, Docket Operations, telephone 202-366-9826.



## **SUPPLEMENTARY INFORMATION:**

### Background and Purpose

The United States Space-Based Positioning, Navigation, and Timing policy requires that the Department of Transportation in coordination with the Department of Homeland Security, develop, acquire, operate, and maintain backup positioning, navigation, and timing capabilities that can support critical transportation, homeland security, and other critical civil and commercial infrastructure applications within the United States, in the event of a disruption of the Global Positioning System or other space-based positioning, navigation, and timing services. The United States Government is currently investigating implementation of an eLoran system to serve as a complementary PNT capability to GPS. The positioning, navigation, and timing performance of eLoran will vary widely depending on the number of transmitters and monitor sites for corrections that are implemented.

The Department of Transportation seeks input on: (a) a brief description of your application(s) of positioning, navigation, and timing services; (b) the positioning, navigation, and/or timing performance required for a complementary PNT capability during a disruption of GPS that could last for longer than a day, (c) availability and coverage area required for a complementary PNT capability, (d)

willingness to equip with an eLoran receiver to reduce or prevent operational and/or economic consequences from a GPS disruption, (e) current and planned availability of e-Loran capable user equipment, (f) other non-eLoran PNT technologies or operational procedures, currently available or planned, that could be used during a disruption of GPS for longer than a day.

### Public Participation

You may submit comments and related material regarding this notice. All comments received will be posted, without change, to <http://www.regulations.gov> and will include any personal information you have provided.

Submitting comments: If you submit a comment, please include the docket number for this notice (DOT-OST-2015-0053) and provide a reason for each suggestion or recommendation. You may submit your comments and material online or by fax, mail or hand delivery, but please use only one of these means. We recommend that you include your name and a mailing address, an e-mail address, or a telephone number in the body of your document so that we can contact you if we have questions regarding your submission.

To submit your comment online, go to <http://www.regulations.gov> and use "DOT-OST-2015-0053" as your search term. Locate this notice in the results and click the

corresponding "Comment Now" box to submit your comment. If you submit your comments by mail or hand delivery, submit them in an unbound format, no larger than 8½ by 11 inches, suitable for copying and electronic filing. If you submit comments by mail and would like to know that they reached the docket, please enclose a stamped, self-addressed postcard or envelope.

We will consider all comments and material received during the comment period.

Viewing the comments: To view comments, as well as documents mentioned in this notice as being available in the docket, go to <http://www.regulations.gov> and use "DOT-OST-2015-0053" as your search term. Use the filters on the left side of the page to highlight "Public Submissions" or other document types. If you do not have access to the Internet, you may view the docket online by visiting the Docket Management Facility in Room W12-140 on the ground floor of the Department of Transportation West Building, 1200 New Jersey Avenue SE., Washington, DC 20590, between 9 a.m. and 5 p.m., Monday through Friday, except Federal holidays.

Privacy Act: Anyone can search the electronic form of comments received into any of our dockets by the name of the individual submitting the comment (or signing the comment, if submitted on behalf of an association, business, labor union, etc.). You may review a Privacy Act system of records notice

regarding our public dockets in the January 17, 2008 issue of  
the Federal Register (73 FR 3316).

Issued in Washington, DC, on March 17, 2015.

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**Gregory D. Winfree,**

Assistant Secretary for Research and Technology.

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